

INTERNATIONAL SEARCH REPORT

National Application No

PCT/FR 03/03103

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 115 517 A (SHIRAGAKI TATSUYA ET AL) 5 September 2000 (2000-09-05) figure 1	1
A	EP 1 052 808 A (BRITISH TELECOMM) 15 November 2000 (2000-11-15) figures 7,9	2-10
A	WO 01 69834 A (CYPRESS SEMICONDUCTOR CORP) 20 September 2001 (2001-09-20) page 10, line 26 -page 12, line 5	1-10
A	EP 0 620 694 A (NIPPON ELECTRIC CO) 19 October 1994 (1994-10-19) figure 9	1-10

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the international search

22 March 2004

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29/03/2004

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INTERNATIONAL SEARCH REPORT

Information on patent family members

National Application No

PCT/FR 03/03103

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 6115517	A 05-09-2000	JP JP	3114801 B2 11027707 A	04-12-2000 29-01-1999
EP 1052808	A 15-11-2000	EP AU AU CA EP WO	1052808 A1 761958 B2 4592600 A 2371127 A1 1177656 A1 0069125 A1	15-11-2000 12-06-2003 21-11-2000 16-11-2000 06-02-2002 16-11-2000
WO 0169834	A 20-09-2001	AU EP WO	4357401 A 1266476 A1 0169834 A1	24-09-2001 18-12-2002 20-09-2001
EP 0620694	A 19-10-1994	JP JP DE EP US	2928046 B2 6303192 A 69433289 D1 0620694 A2 5457556 A	28-07-1999 28-10-1994 11-12-2003 19-10-1994 10-10-1995